

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 11169684
PUBLICATION DATE : 29-06-99

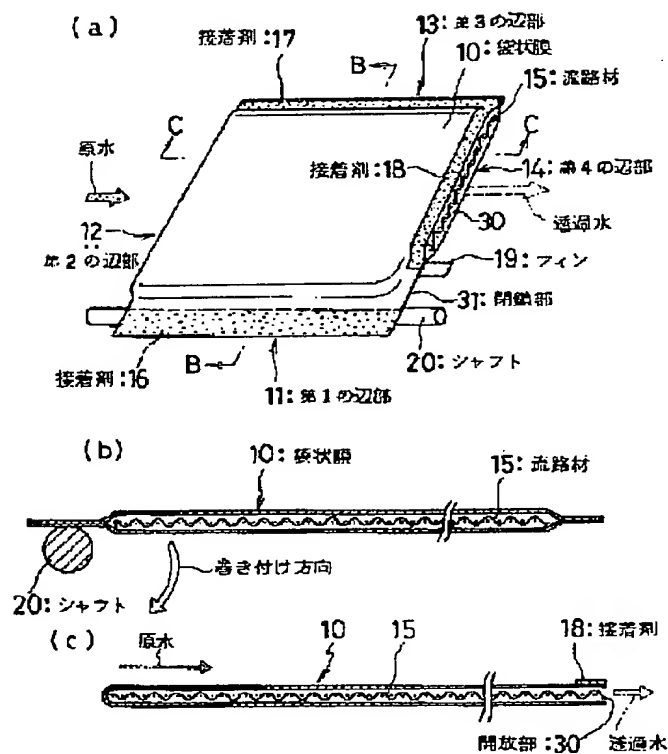
APPLICATION DATE : 12-12-97
APPLICATION NUMBER : 09343201

APPLICANT : KURITA WATER IND LTD;

INVENTOR : SHIGEMI KOKI;

INT.CL. : B01D 63/10 B01D 65/02

TITLE : METHOD OF BACKWASHING SPIRAL
MEMBRANE MODULE



ABSTRACT : PROBLEM TO BE SOLVED: To effectively backwash a spiral membrane module in which a water collecting pipe is eliminated and permeated water flow resistance is lessened.

SOLUTION: In a bag like membrane 10 whose side parts 11, 12, 13 are closed and a part of whose side part 14 is open, a flow passage material 15 is inserted, and to the bag like membrane 10, adhesives 16, 17 and 18 are adhered. The bag like membrane 10 is wound around a shaft 20. To the end face of the wound bag like membrane 10, a socket is fitted, and the outer periphery side thereof is made a permeated water outflow port and the inside thereof is made a concentrated water outflow port. This spiral membrane module is housed in a vessel. On backwashing, gas is fed to a gas line to make permeated water flow backward and perform backwashing with water, and then, the gas is fed to perform backwashing with a gas-liquid mixture and backwashing with gas.

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